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TO: Betty Hanley

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FAX NUMBER: 617-227-5941

Re: Application Serial Number 08/087132

Applicant: Gregory

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FROM: Karen Cochrane Carlson; Ph.D., U.S. Patent and Trademark Office

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Serial Number 08/087132

Art Unit 1812

Attachment to Paper #XXX

Hello Betty,

Garnette Draper and I have reviewed the pending Claims have come up with these new Claims. Is there support in the specification for plasmid DNA amplification or CFTR expression in cells??

Let me know ASAP if these Claims are amenable. THANKS

Karen Carlson

Examiner's Amendments to the Claims

Cancel Claims 139-156.

Add the following Claims:

157. A DNA encoding human CFTR, said DNA comprising cDNA encoding CFTR and a synthetic intron having the DNA sequence as shown in Fig. 6 and inserted within the cDNA.

158. The intron of Claim 157, placed between base pairs 1716 and 1717 of the cDNA encoding CFTR.

159. A plasmid vector comprising the DNA of Claim 157 or 158.

160. pKK-CFTR3.

161. A prokaryotic host cell transfected with the plasmid of Claims 159 or 160.

162. The host cell of Claim 161 that is E. coli.

163. A mammalian host cell transfected with the plasmid of Claims 159 or 160.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen Cochrane Carlson, Ph.D., whose telephone number is (703) 308-0034. The Examiner can normally be reached Monday through Thursday from 7:00 A.M. to 4:30 P.M. The Examiner can also be reached on alternate Fridays.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Ms. Garnette D. Draper, can be reached at (703) 308-4232. The fax phone number for Group 180 is (703)305-3014.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.